

Title (en)
Light scanning microscope and its use

Title (de)
Lichtrastermikroskop und Verwendung

Title (fr)
Microscope à balayage de lumière et son utilisation

Publication
EP 1617206 A1 20060118 (DE)

Application
EP 04023515 A 20041001

Priority
DE 102004034970 A 20040716

Abstract (en)
The radiation source module (2) of a scanning module (3) and a microscope module (4) provides a linear illumination beam. The scanning and microscope modules guide linear illumination beam in a scanning manner over a sample (23). A confocal diaphragm is formed as a slit diaphragm (26) or as the slit-like region of a detector (28) which functions as confocal diaphragm. Independent claims are also included for the following: (A) a method of laser scanning microscopy; and (B) a use of arrangements/and or methods.

IPC 8 full level
G01J 3/02 (2006.01); **G01J 3/06** (2006.01); **G01J 3/10** (2006.01); **G01J 3/44** (2006.01); **G01N 21/64** (2006.01); **G02B 21/00** (2006.01); **G02B 21/16** (2006.01); **G01J 3/12** (2006.01)

CPC (source: EP US)
G01J 3/02 (2013.01 - EP US); **G01J 3/0202** (2013.01 - EP US); **G01J 3/021** (2013.01 - EP US); **G01J 3/0227** (2013.01 - EP US); **G01J 3/0237** (2013.01 - EP US); **G01J 3/06** (2013.01 - EP US); **G01J 3/10** (2013.01 - EP US); **G01J 3/44** (2013.01 - EP US); **G02B 21/0044** (2013.01 - EP US); **G02B 21/0064** (2013.01 - EP US); **G02B 21/008** (2013.01 - EP US); **G01J 2003/1217** (2013.01 - EP US)

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• BARBILLAT J. ET AL: "Raman Confocal Microprobing, Imaging and Fibre-Optic Remote Sensing: a Further Step in Molecular Analysis", JOURNAL OF RAMAN SPECTROSCOPY, vol. 25, 1994, pages 3 - 11, XP000913856

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